My Maths

Number and place value
- Read Roman numerals to 100 (I to C) and know the numeral system changed to include zero and place value.
- Solve number and practical problems that involve all of the below.
- Round any number to the nearest 10, 100 or 1000 years
- Identify, represent and estimate numbers.
- Compare and order numbers beyond 1000.
- Recognise the place value of each digit in a four – digit number.
- Count backwards through zero to include negative numbers.
- Find 1000 more or less than a given number.
- Count in multiples of 3, 6, 7, 9, 25 and 1000.

Addition and subtraction
- Solve subtraction two-step problems deciding which operations and methods to use and why.
- Solve addition two-step problems deciding which operations and methods to use and why.
- Use inverse operations check answers to a calculation.
- Estimate to check answers to a calculation.
- Subtract numbers with up 4 digits using efficient methods.
- Add numbers with up 4 digits using efficient methods.

Multiplication and division
- Multiply three digit numbers by one digit number.
- Multiply two-digit numbers by one-digit number.
- Recognise and use factor pairs in mental calculations.
- Multiply three numbers together.
- Use place value and known derived facts to divide mentally.
- Solve number and practical problems.
- Use place value and known derived facts to multiply mentally.
- Recall multiplication and division facts for x tables up to 12 x 12.

Measurements
- Solve problems involving converting from hours to minutes; minutes to seconds: years to months; weeks to days.
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Estimate, compare and calculate different measures, including money in pounds and pence.
- Find the area of rectilinear shapes by counting squares.
- Measure and calculate the perimeter of a rectilinear figure in cm and m.
- Convert between different units of metric measure.

Fractions and decimals
- Solve simple measure and money problems involving fractions and decimals.
- Compare numbers with the same number of decimal places.
- Round decimals with one decimal place to the nearest whole number.
- Divide a number by 10 and 100 and identify the value of the digits in the answer.
- Recognise and write decimal equivalents to ¼ ½ and ¾.
- Recognise and write decimal equivalents of any number of tenths or hundredths.
- Add and subtract fractions with the same denominator.
- Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten.
- Recognise families of common equivalent fractions.

Geometry
- Plot specified points and draw sides to complete a polygon.
- Describe movements between positions as translations of a given unit to the left/right and
- Describe positions on a 2-D grid as coordinates in the first quadrant.
- Show a line of symmetry.
- Identify lines of symmetry in 2-D shapes presented in different orientations.
- Identify acute and obtuse angles and compare and order angles up to two right angles by size.
- Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes

Statistics
- Solve problems using information presented in bar charts, pictograms, tables and other graphs.
- Solve 'comparison' problems using information presented in bar charts, pictograms, tables and other graphs.
- Interpret and present data using time graphs.
- Interpret and present data using bar charts.